



PADMOUNT RECLOSER SWITCHGEAR

WITH VISIBLE BREAK GROUP OPERATED SWITCH



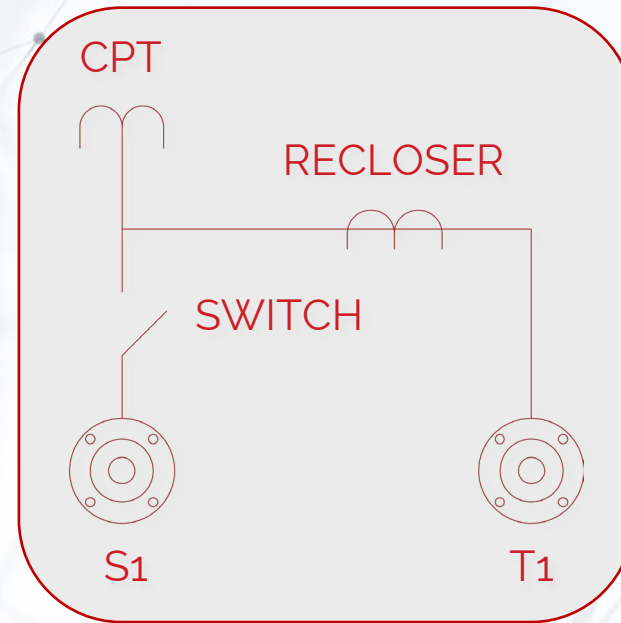
KEY FEATURES

- ❖ Recloser with group operated loadbreak disconnect switch housed in a fiberglass outdoor weatherproof enclosure with stainless steel hardware
- ❖ Bushings, disconnect switch, insulators, & phase spacing. All designed around 25kV, 125kV BIL rating to accommodate either 15 or 25kV rated recloser
- ❖ Ultra-strong, fire retardant, corrosion resistant construction
- ❖ Fiberglass laminate is guaranteed against degradation of strength under normal use and service for a period of twenty-five (25) years.
- ❖ Free-standing hot dipped galvanized steel frames are standard which allows the enclosure to be removed for easy access to all equipment
- ❖ Group operated disconnect switch provides isolation and visible break via Lexan viewing window
- ❖ Control module for the recloser installed on the outside of the enclosure
- ❖ Control power transformer to supply 120 VAC power to recloser control

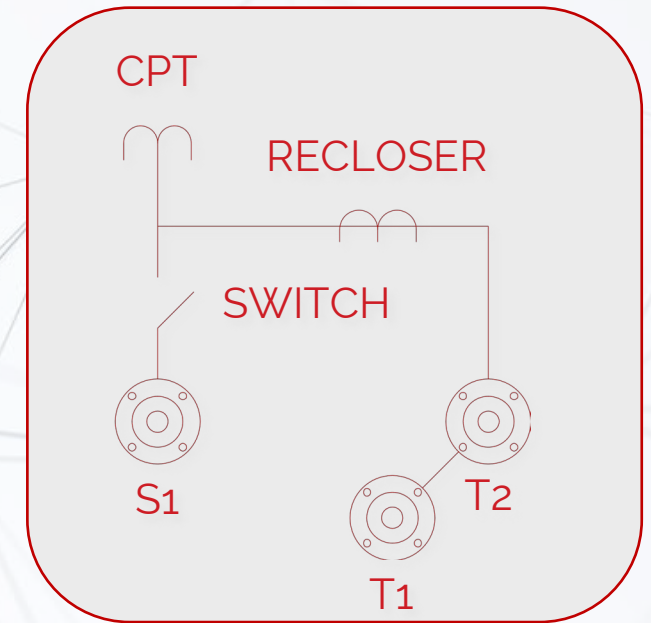


BUSHING ARRANGEMENTS

- ❖ Source and tap bushing configurations in either 200a or 600a. cable to air bushings are bolt-in type with clamping ring and gasket to allow for field replacement with 25kV, 125kV BIL rating
- ❖ 10 Gauge galvanized steel bushing plate with angle stiffeners for rigid elbow operation
- ❖ Circuit isolated schematic with reflective tape, & source/tap bushing identified and numbered



RADIAL 1 TAP



RADIAL 2 TAP

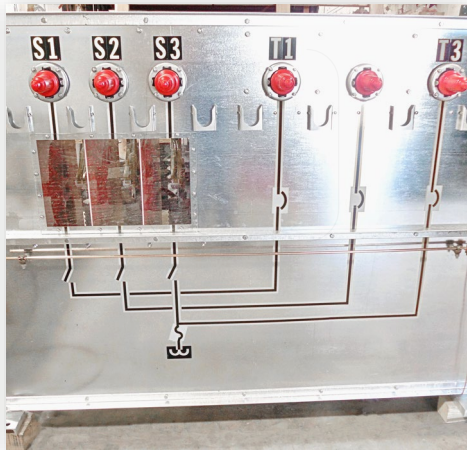
KEY FEATURES

ELBOW SIDE

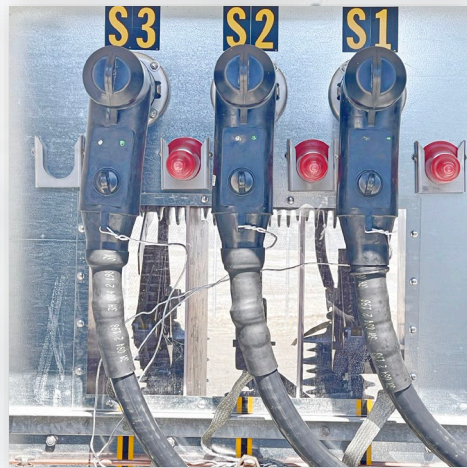
- ❖ S&C Mini-Rupter® group operated three phase loadbreak switch, 25kV, 600 amp 125 BIL, 22,400A RMS ASYM
- ❖ Lexan view window for verification of visible break
- ❖ Free standing hot dipped galvanized steel frame with lifting provisions, designed to withstand electrical and mechanical stresses
- ❖ Cable to air bushings per IEEE Std 386, 25kV-125kV BIL, 200a or 600a
- ❖ 3/8" solid copper ground bar
- ❖ Stainless steel identification plate on both the frame and enclosure, which identifies the model number, electrical rating, serial number, and date of manufacture



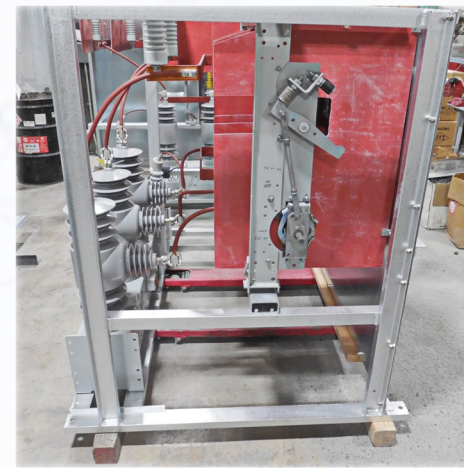
ELBOW SIDE DETAILS



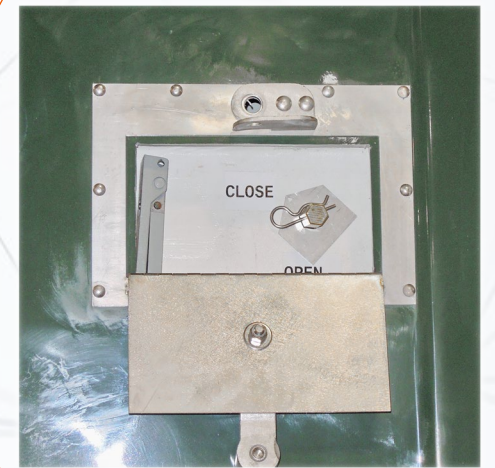
Free standing hot dipped galvanized steel frame with Lexan viewing window.



200 or 600 amp cable to air bushings, 25kV class pressure mold epoxy bushing



Group operated loadbreak switch with GPO-3 dielectric barriers



Storage Pocket & Switch Operating Handle with a Stainless-Steel Access Door Hardware

KEY FEATURES

RECLOSER SIDE

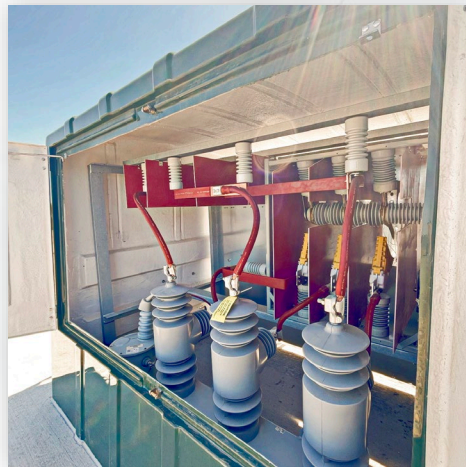
- ❖ Design utilities standard outdoor recloser from multiple manufacturers, three phase, solid dielectric, vacuum recloser, rated 15 or 25kV.
- ❖ Allows end user to stock one type for overhead, underground, or substation applications
- ❖ Removable enclosure allows for easy change of recloser
- ❖ 200a or 600a copper bus with high voltage heat shrink tubing for rigidity and appropriate clearance
- ❖ Control Power Transformer, 1 KVA, 120 VAC, with internal primary weak link fuse, and secondary fuse
- ❖ The switchgear is in complete conformance with applicable NEC, ANSI, IEEE, and NEMA standards in addition to IEEE C57.12.28 / IEEE C57.12.29, Pad mounted Equipment Enclosure Integrity Standard



RECLOSER SIDE DETAILS



Three-phase, electronically controlled, vacuum-interrupting automatic circuit recloser and 1 KVA control power transformer



Recloser connected to switch & copper bus by flexible copper wire. Heat shrink insulation on all bus work, 25kV rated



Clear Lexan inner door on reclosure side only



Recloser control module installed on the enclosure

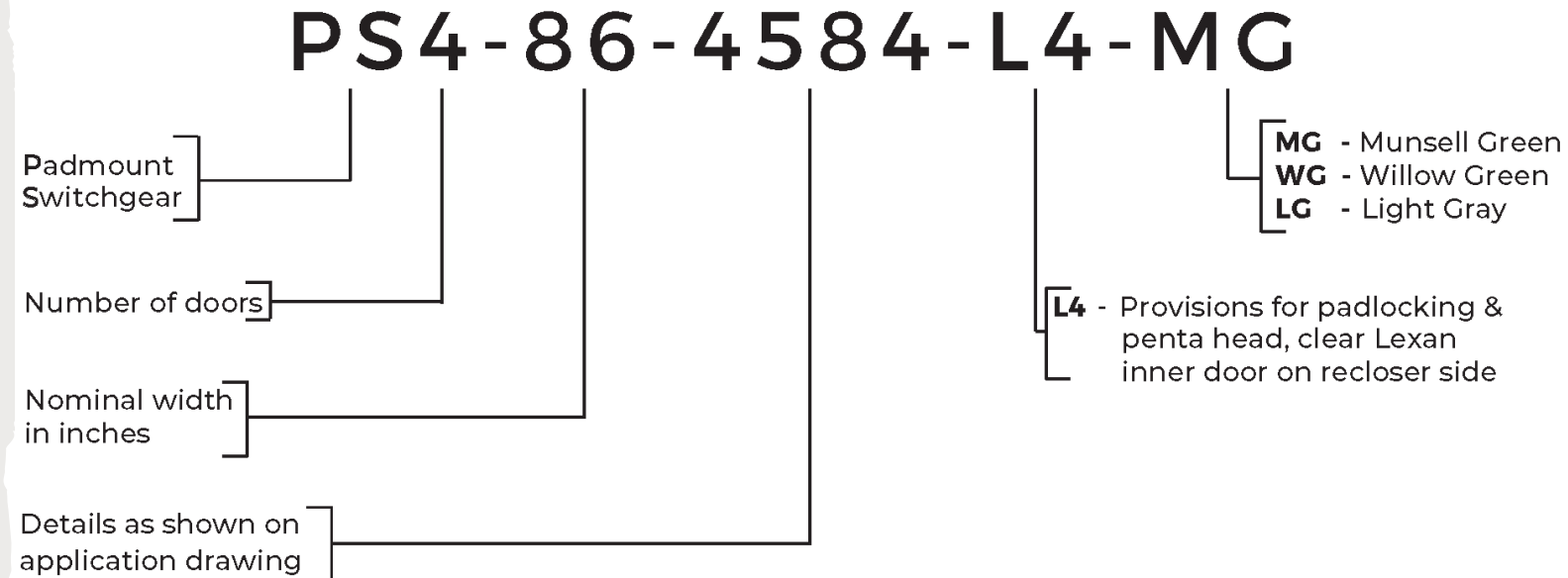
ORDERING KEY

PADMOUNT RECLOSER

Notes

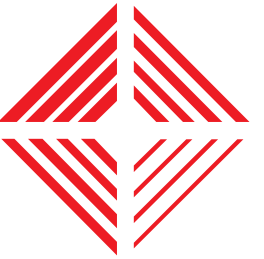
- ❖ Nominal dimension of the enclosure is 88" w X 82" D X 70" H
- ❖ Custom box pads are available with cable entry opening and 30" height
- ❖ Refer to individual padmount recloser switchgear drawings for equipment supplied, dimensions & location, along with pad & anchor bolt dimensions.

EXAMPLE:

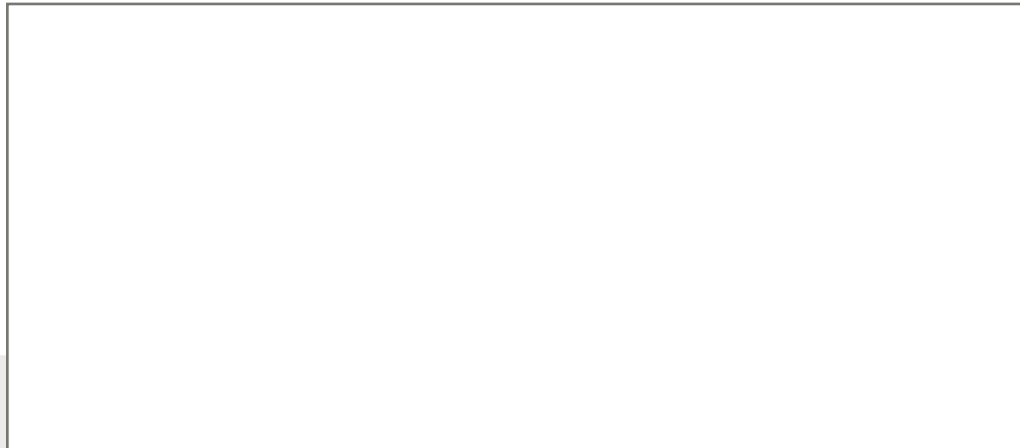


THANK YOU

**POWER
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